

12 **EUROPEAN PATENT APPLICATION**

21 Application number: **88310438.2**

51 Int. Cl.4: **B29C 47/08**

22 Date of filing: **07.11.88**

30 Priority: **12.11.87 JP 285967/87**

43 Date of publication of application:
17.05.89 Bulletin 89/20

84 Designated Contracting States:
DE FR GB IT

88 Date of deferred publication of the search report:
28.02.90 Bulletin 90/09

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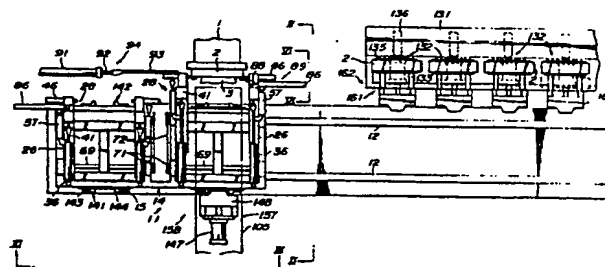
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54 **Die assembly exchanging apparatus for extruder.**

57 An apparatus (11) for exchanging die assemblies (2) for extruding a material from an extruder (1) comprises a carriage (14) on an extruding side of the extruder, carriage moving means (23) for moving the carriage in longitudinal directions along rails (12) perpendicular to an extruding direction of the material, two grasping units (28) supported on the carriage on the right and left sides, grasping unit moving means (36) for moving the grasping units in traverse directions parallel with the extruding direction, respectively, grasping unit vertical moving means (66) for moving the grasping units in vertical directions perpendicular to the longitudinal and traverse directions, respectively, and a plurality of storing stands (132) spaced apart from each other in the longitudinal direction for storing various kinds of die assemblies. Each of the grasping units extends in the vertical direction and has a pair of arms (41) provided with grasping means (51) for grasping one of the die assemblies.

FIG. 1



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
P, X	FR-A-2 601 619 (SWISSCAB E.A. SCHOEN S.A.) * Abstract; figures *	1,2,5,8	B 29 C 47/08
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Y	US-A-4 652 410 (S. INOUE et al.) * Abstract; figures *	1-9	
Y	US-A-4 597 709 (K. YONEZAWA) * Figures *	1-9	
A	CAOUTCHOUCS & PLASTIQUES, vol. 62, no. 650, April 1985, pages 82-83, Paris, FR; "Metalmeccanica plast: le changement de moule n'est plus un problème" * Figures 1,3 *	1,2,6-8	
A	PATENT ABSTRACTS OF JAPAN, vol. 7, no. 31 (M-192)[1176], 8th February 1983; & JP-A-57 187 222 (NIPPON SEIKOSHO K.K.) 17-11-1982 ---	1-5	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	PATENT ABSTRACTS OF JAPAN, vol. 8, no. 249 (M-338)[1686], 15th November 1984; & JP-A-59 124 823 (NIIGATA TEKKOSHO K.K.) 19-07-1984 ---	1-5	B 29 C
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A	GB-A-2 083 401 (FARREL BRIDGE LTD) * Page 5, line 111 - page 7, line 37; figures * --- -/-	1,6-8	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-11-1989	Examiner BELIBEL C.
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EPO FORM 1503 03.82 (P0401)



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